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basin composed of igneous rocks, and these partly bare of vegetation, was referred to, as favoring the continuance of the water which falls upon the slopes, for a considerable time in contact with the air, and subjected to evaporation before it reaches the pond. This was considered adequate to account for the small difference  $.1839 - .1764 = .0064$  between the drainage from that district, and the one found at Long Pond.

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*Stated Meeting, Dec. 23, 1845.*

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO LIBRARY.

Memoir on the copper region of Gibara, and of the geology of the N. E. part of the Island of Cuba, with a reconnaissance map. By Richard C. Taylor. From the Author.  
Notice of Fossil Arborescent Ferns, of the family of Sigillaria, in the coal formation of Pennsylvania, with an illustrative drawing and map. By Richard C. Taylor. From the Author.

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A communication was read from Mr. Edward Harris, entitled "Description of a new species of Parus, from the Upper Missouri," and referred to a committee, consisting of Messrs. Cassin, Townsend and Woodhouse.

A letter was read from Jacob Tremper, Esq., dated Dresden, Yates Co., New York, returning acknowledgments for his election as a Correspondent.

Prof. Johnson read the conclusion of his report of an examination and analysis of the alluvial soil of the Nile, from Korosco in Nubia.

The report was adopted, and referred for publication to the Committee on Proceedings.